

**Amendments to the Specification:**

**Please replace the paragraph on page 3, line 24 to page 4, line 8, with the following amended paragraph:**

Figs. 1A-1B illustrate the pump assembly 10, which includes a housing [20] having upper and lower housing portions 20a/20b respectively, that are hingedly attached to each other by a hinge 22 and hinge bracket 24. When upper housing 20a is closed over lower housing 20b, an annular cavity 26 is defined thereby. A roller arm 28, which is preferably spring loaded, is disposed in the cavity 26. Roller arm 28 has a proximal end at the center of the cavity 26, and a distal end with an outwardly facing compression roller 29 mounted thereon. A motor 30 has a drive shaft 32 that extends into the cavity 26 and is attached to the proximal end of the roller arm 28, for rotating the roller 29 around the periphery of the cavity 26. A sensor assembly 34 is mounted to the lower housing 20b and includes a sensor switch 36 for detecting a closure pin 38 from the upper housing 20a, indicating that the upper housing 20a is in a closed position over lower housing 20b. Sensor assembly 34 also includes a sensor switch 37 that detects the presence of the cassette assembly 12 in cavity 26, and a sensor 40 that detects and verifies the position of the roller arm 28.

**Please replace the paragraph on page 4, lines 9-18, with the following amended paragraph:**

Figs. 2A-2C illustrate the cassette assembly 12, which includes a housing [46] having upper and lower cassette housing portions 46a/46b respectively, that snap together via engagement tabs 48 that extend from the upper cassette housing 46a and engage with lower cassette housing 46b. Lower cassette housing 46b includes an annular sidewall 50 with a shoulder 52 extending from an inner surface of the sidewall 50. Upper cassette housing 46a includes an annular sidewall 54. When upper/lower cassette housings 46a/46b are snapped together, upper cassette sidewall 54 fits inside lower cassette sidewall 50, where sidewall 54 and the shoulder portion of sidewall 50 together define an inwardly facing annular compression surface 56. Upper cassette sidewall 54 is positioned a fixed distance away from shoulder 52 to define a channel 58 in the annular compression surface 56.

**Please replace the paragraph on page 4, lines 19-25, with the following amended paragraph:**

A hollow compression tube 60 is removably disposed along the compression surface 56. The compression tube 60 includes a flange 62 adhered thereto or integrally formed therewith. The flange 62 snuggly inserts into channel 58 with a friction fit that evenly secures compression tube 60 against compression surface 56. Preferably, flange 62 is a solid ~~tube-shaped~~ cylindrically-shaped member that is integrally formed as part of the compression tube 60, and that has a thickness corresponding to the width of channel 58. The compression tube 60 has an input end 60a and an output end 60b.